

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 April 2005 (07.04.2005)

PCT

(10) International Publication Number
WO 2005/032219 A1

(51) International Patent Classification⁷: **H05B 41/24**, 41/282

(21) International Application Number:
PCT/AU2004/001298

(22) International Filing Date:
24 September 2004 (24.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2003905253 26 September 2003 (26.09.2003) AU

(71) Applicant (for all designated States except US): **VICIOUS POWER PTY LTD** [AU/AU]; 659 North East Road, Gilles Plains, S.A. 5086 (AU).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **BASTIANS, David** [AU/AU]; 659 North East Road, Gilles Plains, S.A. 5086 (AU).

(74) Agent: **COLLISON & CO**; 117 King William Street, Adelaide, S.A. 5000 (AU).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

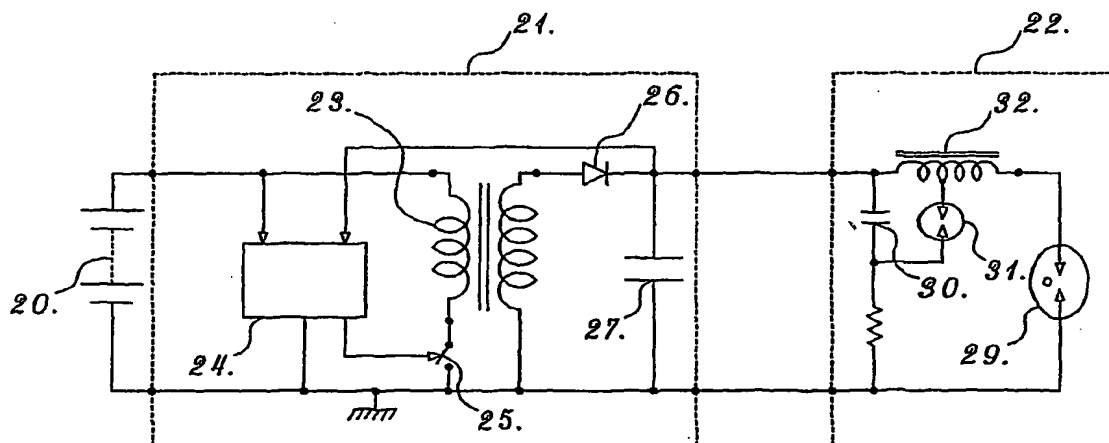
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ARC LAMP IMPROVEMENTS



(57) Abstract: An arc lamp power supply with a first part including a converter adapted to convert a low voltage power supply to provide an arc running power supply suitable for running an arc lamp after an arc has been struck; a second part adapted to receive an output of said arc running power supply and to apply said supply to an arc lamp, including means to effect a high voltage power supply suitable for starting an arc in an arc lamp; and a flexible electrical cable adapted to connect the first part to the second part, carrying the arc running power supply voltage. The first part is adapted to be remotely mounted or held in a place or manner where the bulk of the second part would be inconvenient.

WO 2005/032219 A1